

History of Burner Replacement at IGS

Year	Unit 1	Unit 2
1986 & 1987	Initial operation with the original B&W Low NOx (DRB) Dual Register Burners installed with initial construction	Initial operation with the original B&W Low NOx (DRB) Dual Register Burners installed with initial construction
1991 & 1992	New burners installed. Same DRB low NOx design, structural modifications to the backplate and registers to prevent warping from overheating. Flame stabilizers installed to shade the burner front from radiant heat. Overheating was the result of design flaws from B&W	Repaired and modified the burners. Structural modifications to the backplate and registers to prevent warping from overheating. Flame stabilizers installed to shade the burner front from radiant heat
2004 OFA		New burners installed due to structural failures from overheating. Advanced Burner Technologies (ABT) low NOx burners installed. Unit 2 failed before Unit 1 because Unit 2's were not replaced in 1992 like was done on Unit 1.
2007	Anticipated replacement of the Unit 1 burners due to structural failures.	